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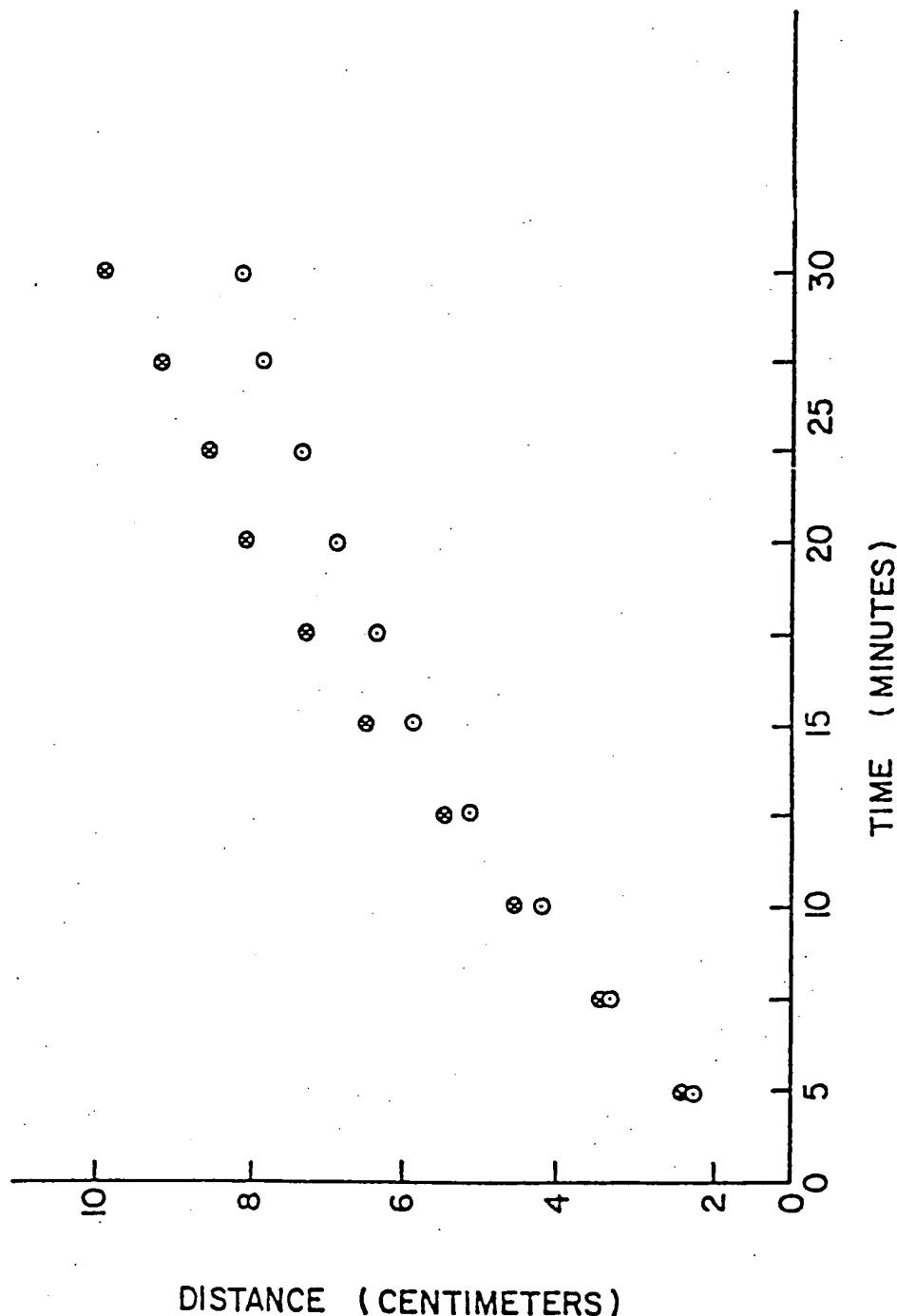


FIG. I

METHODS AND APPARATUS FOR CONTROLLED  
PLACEMENT OF A POLYMER COMPOSITION INTO A WEB  
INV: M. CALDWELL  
SN: 08/962,700

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FIG. 2

METHODS AND APPARATUS FOR CONTROLLING  
PLACEMENT OF A POLYMER COMPOSITION INTO A WEB  
INV: M. CALDWELL  
SN: 08/962,700

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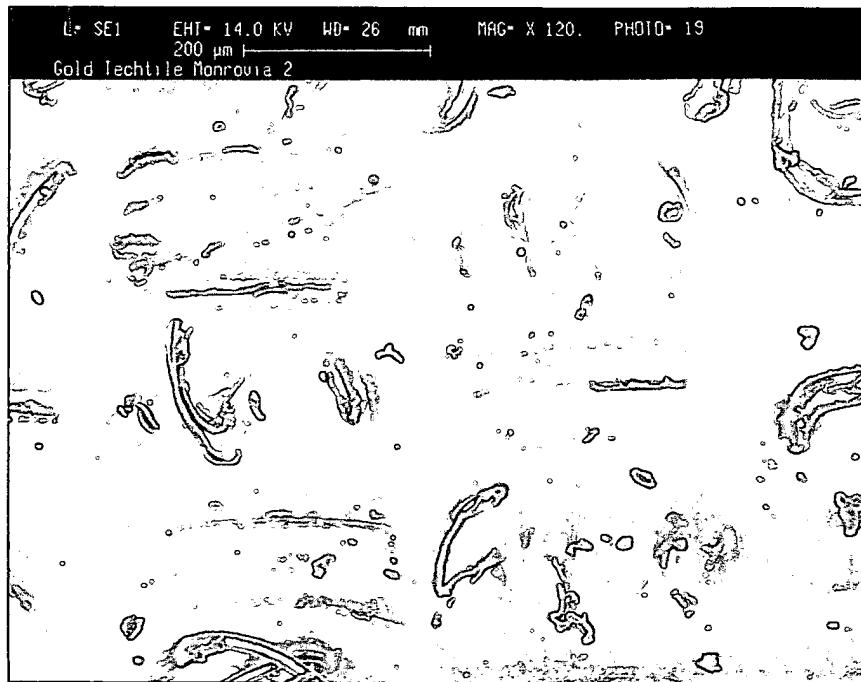


FIG. 3a

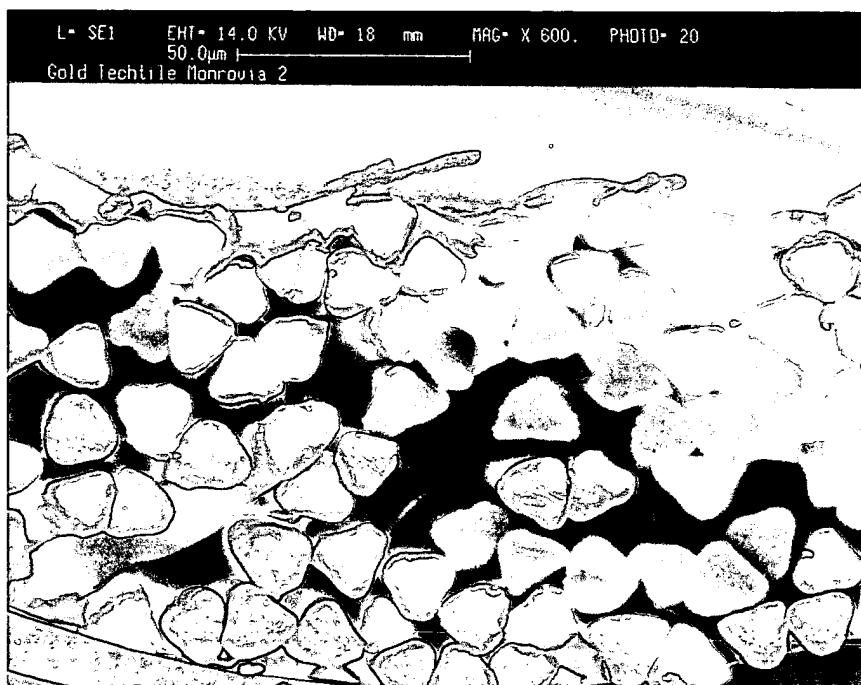


FIG. 3b

METHODS AND APPARATUS FOR CONTROLLING  
PLACEMENT OF A POLYMER COMPOSITION INTO A WEB  
INV: M. CALDWELL  
SN: 08/962,700

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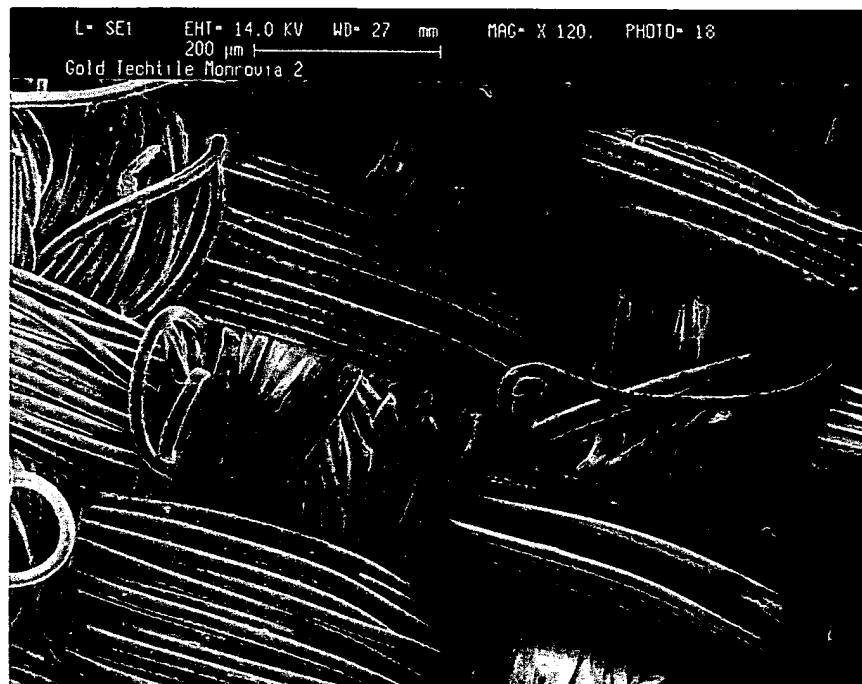


FIG. 3c

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FIG. 4a

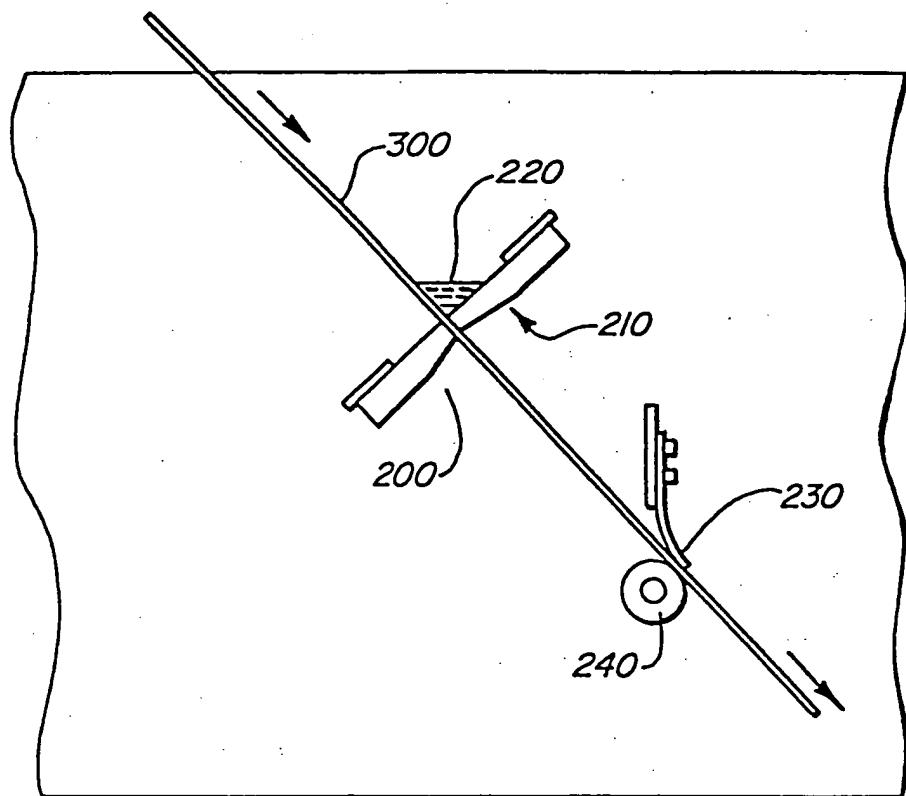
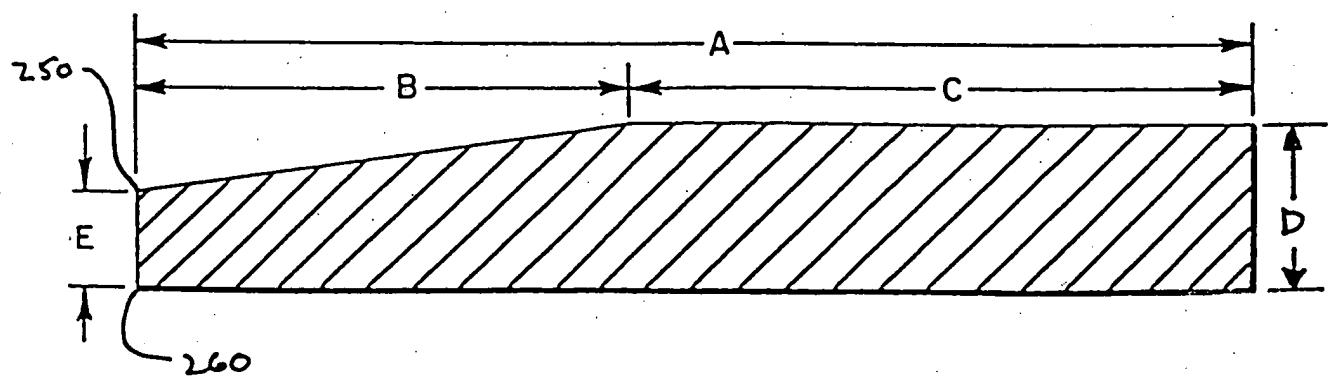


FIG. 4b



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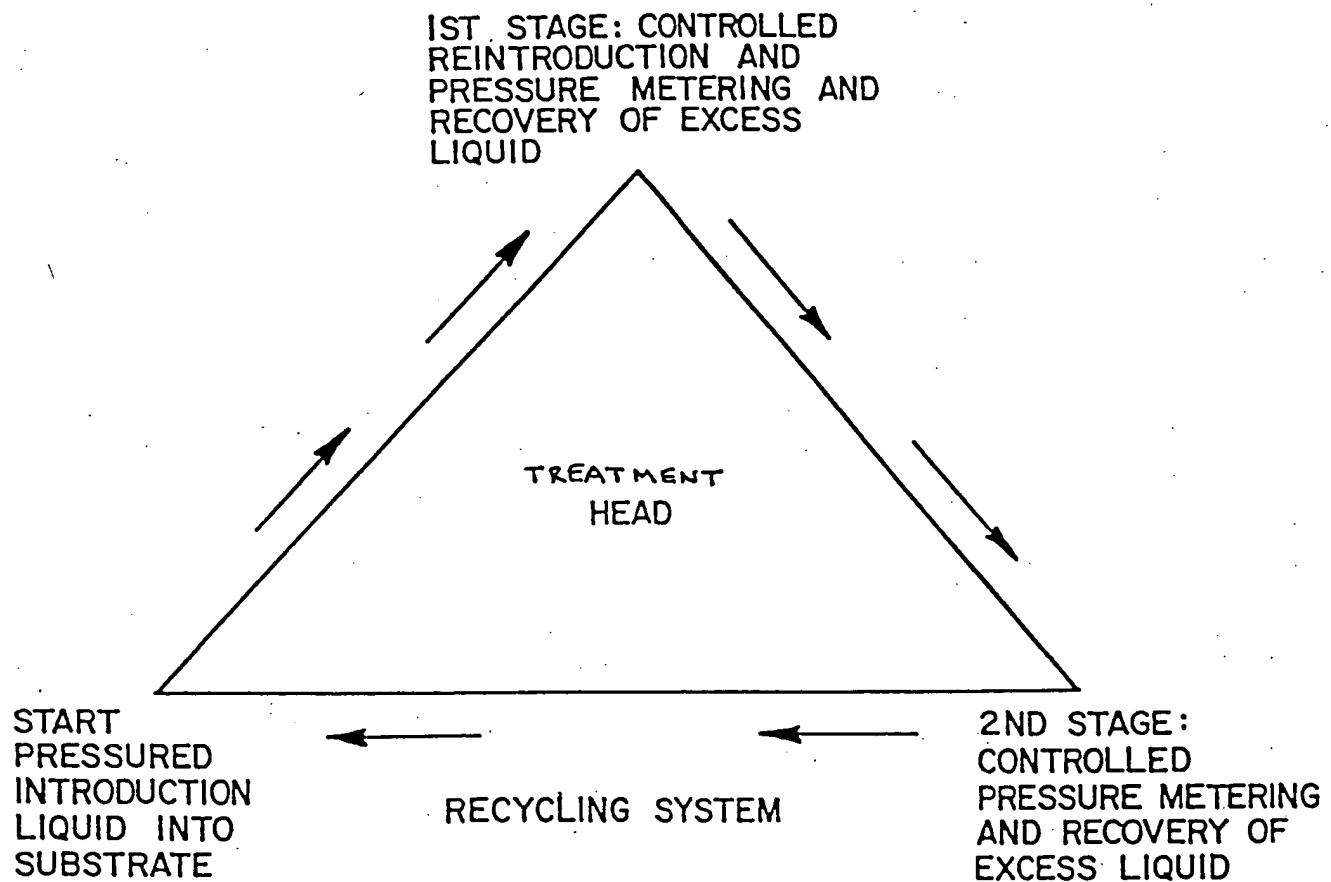
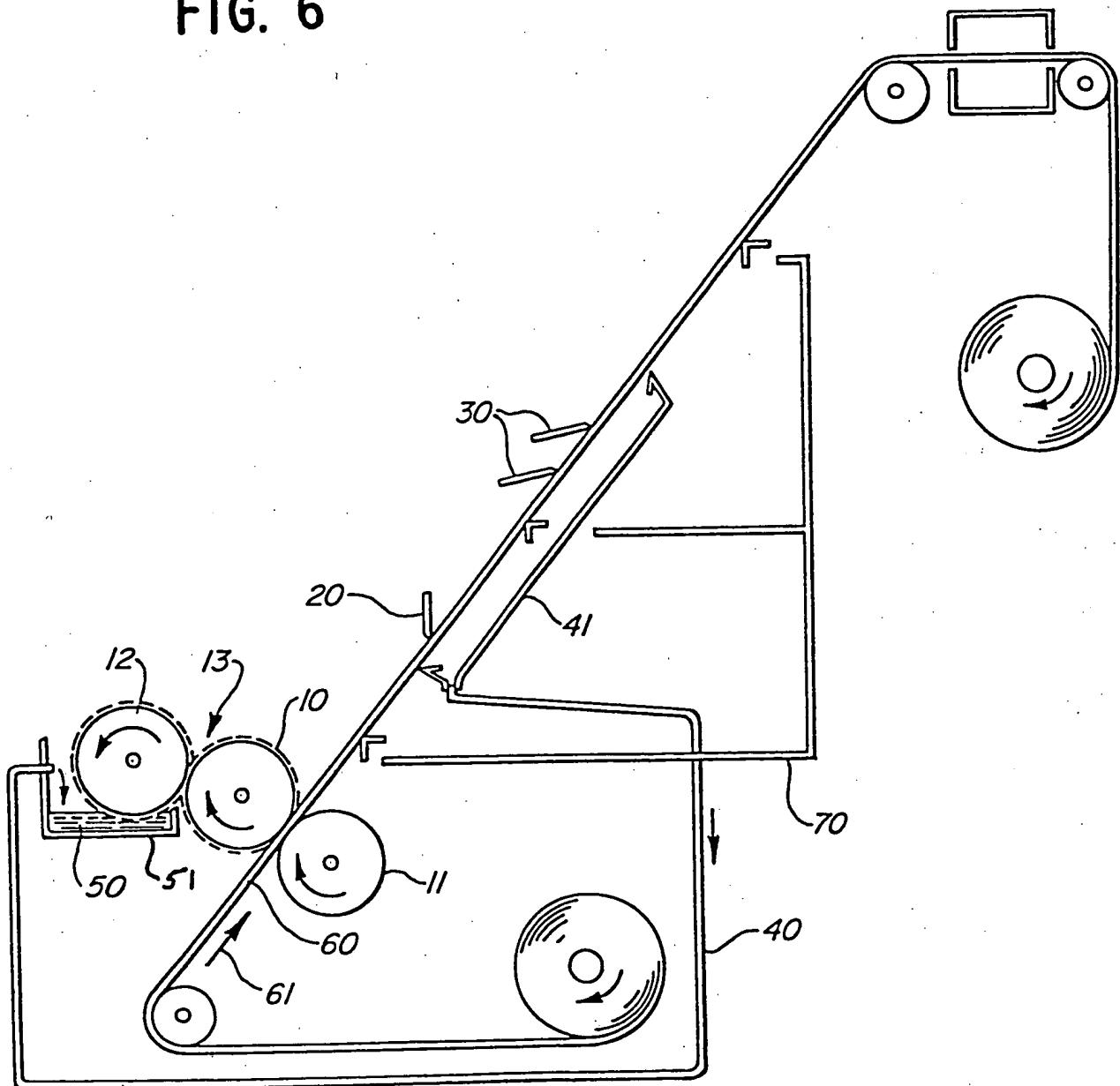


FIG. 5

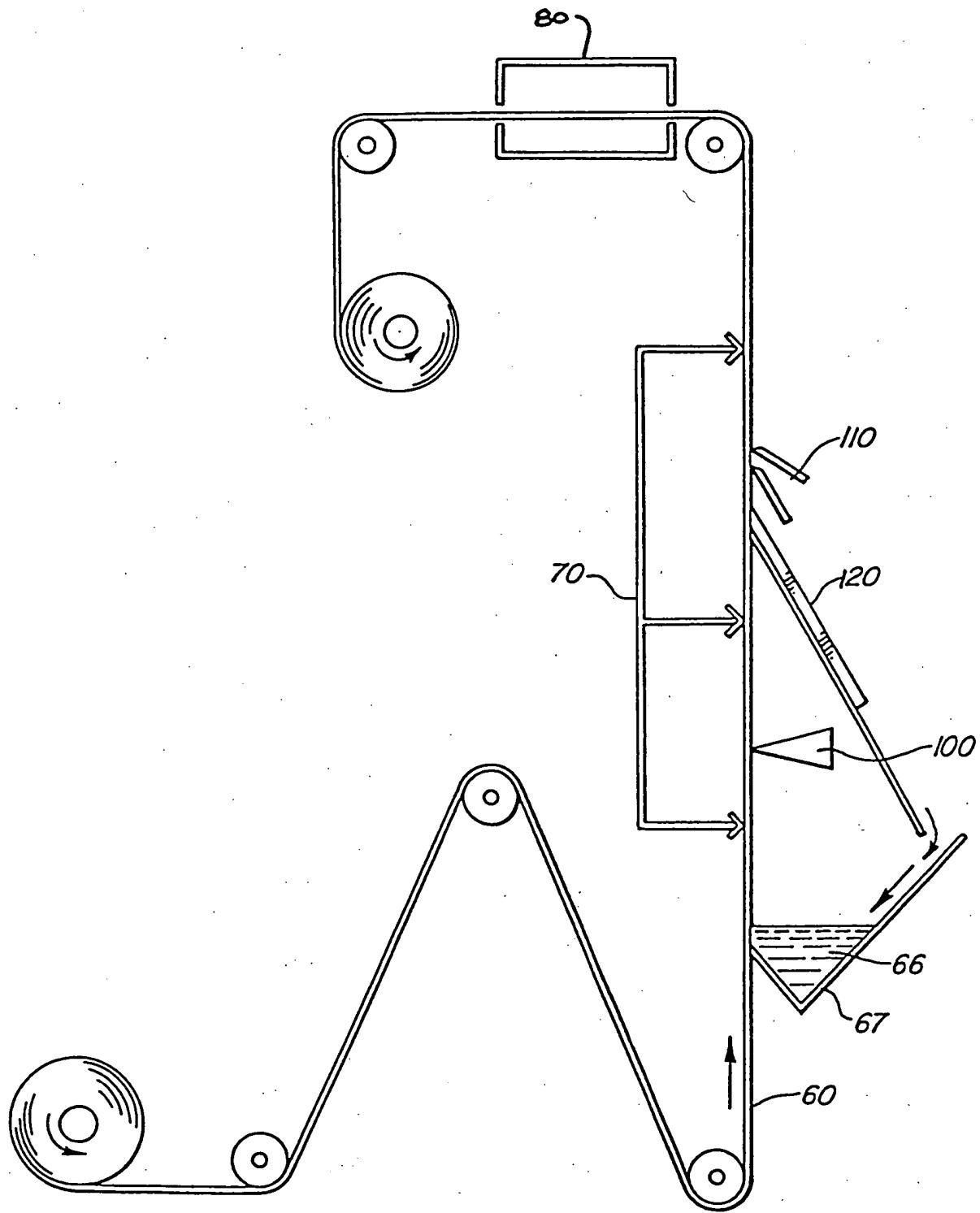
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FIG. 6



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FIG. 7



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FIG. 8a PRIOR ART

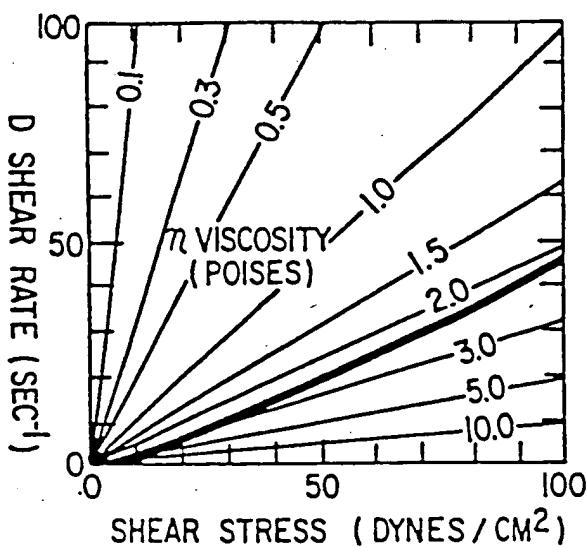


FIG. 8b PRIOR ART

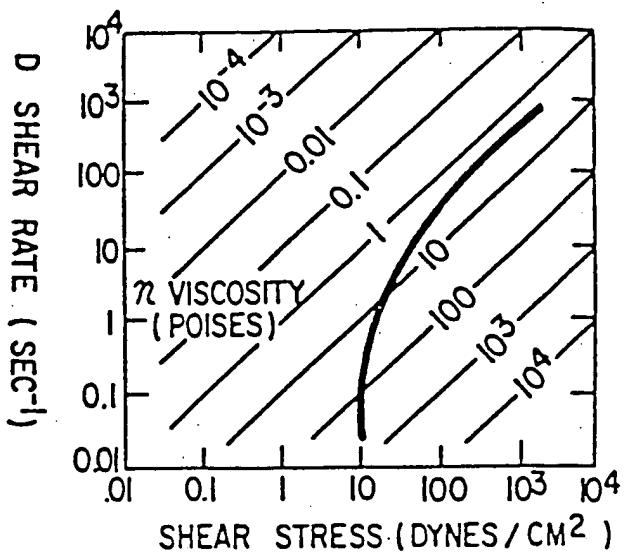


FIG. 8c PRIOR ART

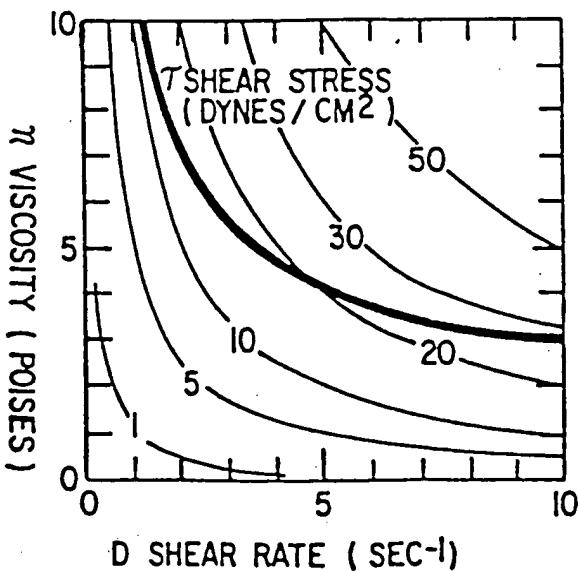
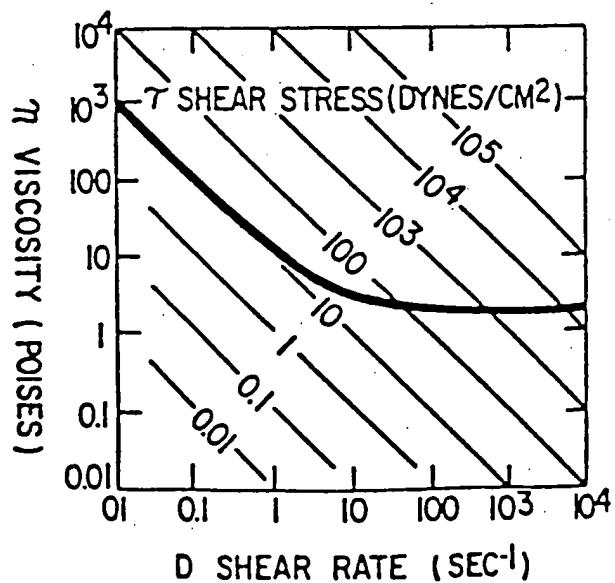


FIG. 8d PRIOR ART



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FIG. 9 PRIOR ART

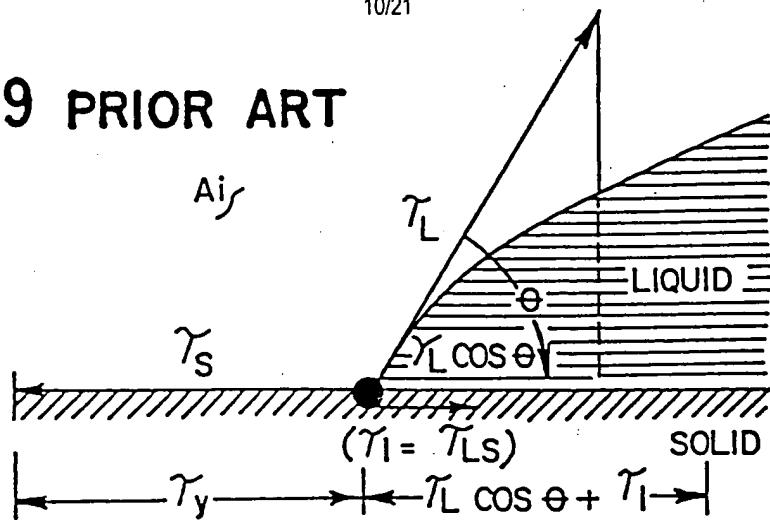
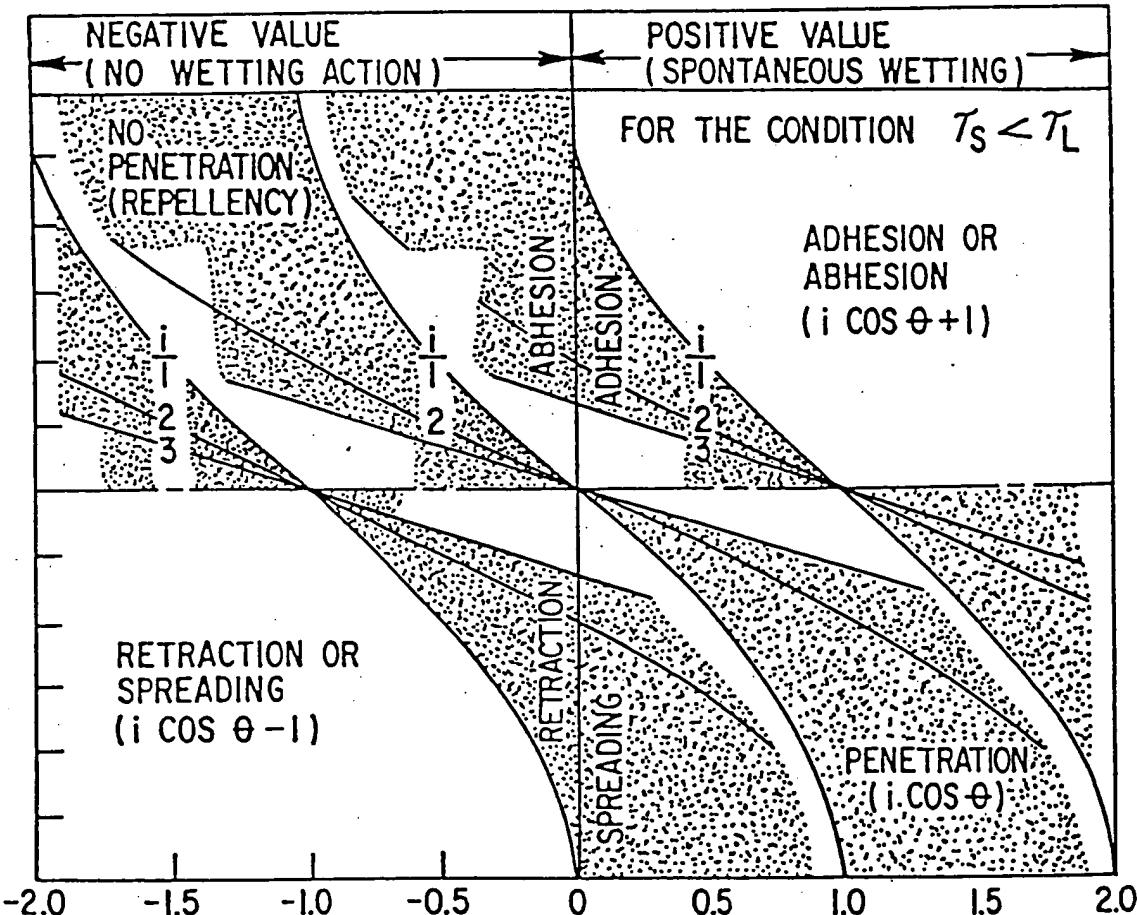


FIG. 10 PRIOR ART



FUNCTION OF  $\theta$  AND  $i$  AS INDICATED ON DIAGRAM FOR  
ADHESION, PENETRATION, AND SPREADING, RESPECTIVELY

FIG. IIa PRIOR ART

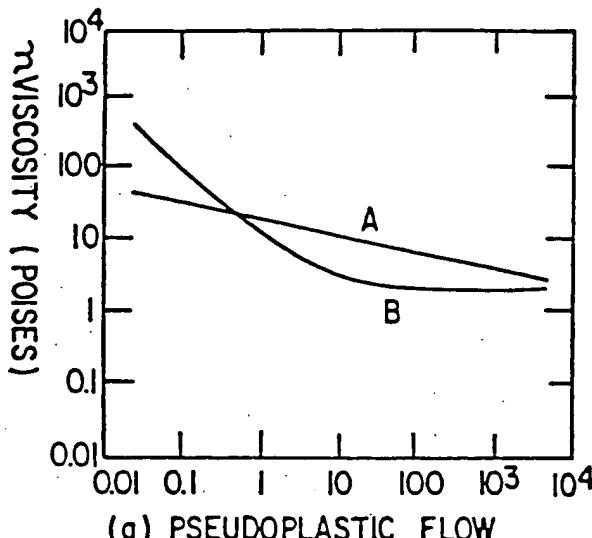


FIG. IIb PRIOR ART

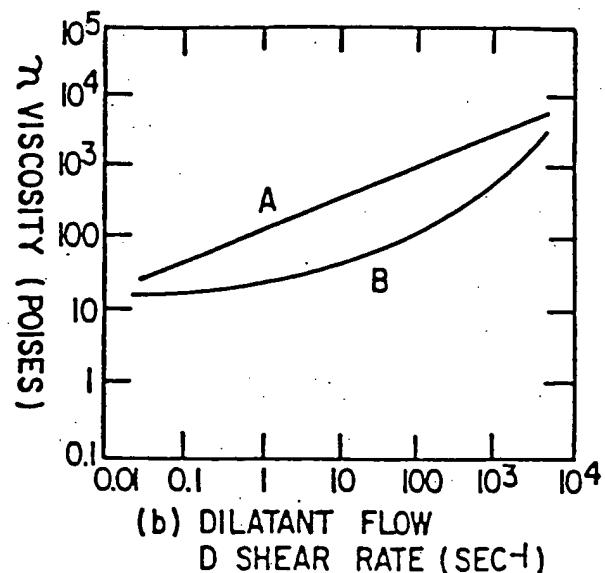


FIG. IIc PRIOR ART

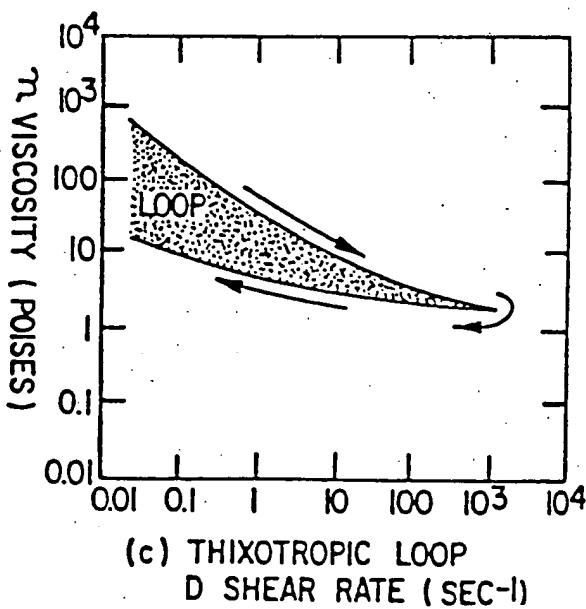
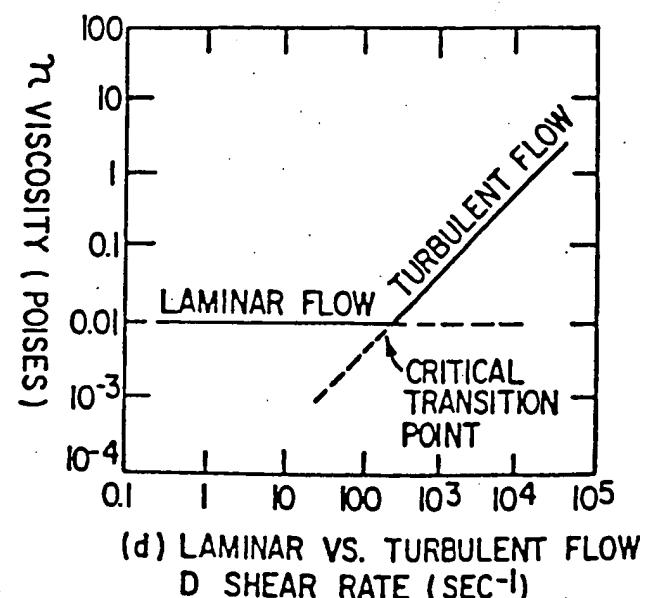


FIG. IIId PRIOR ART



METHODS AND APPARATUS FOR CONTROLLED  
ACEMENT OF A POLYMER COMPOSITION INTO A WEB  
INV: M. CALDWELL  
SN: 08/962,700

FIG. 12a

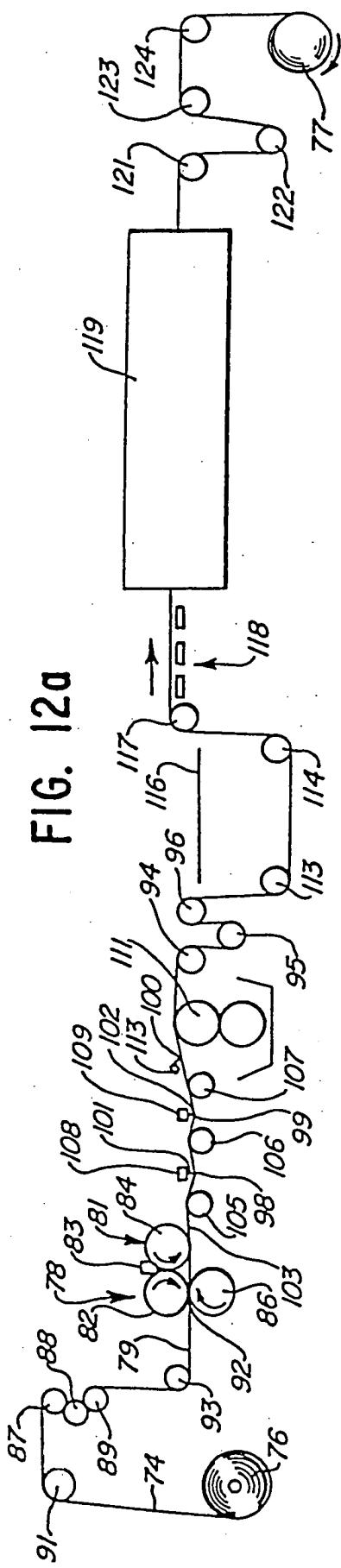


FIG. 12b

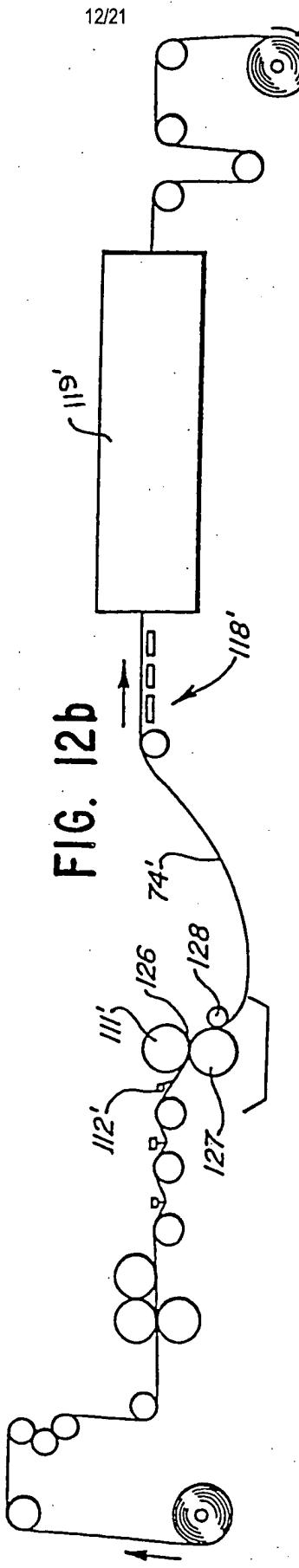
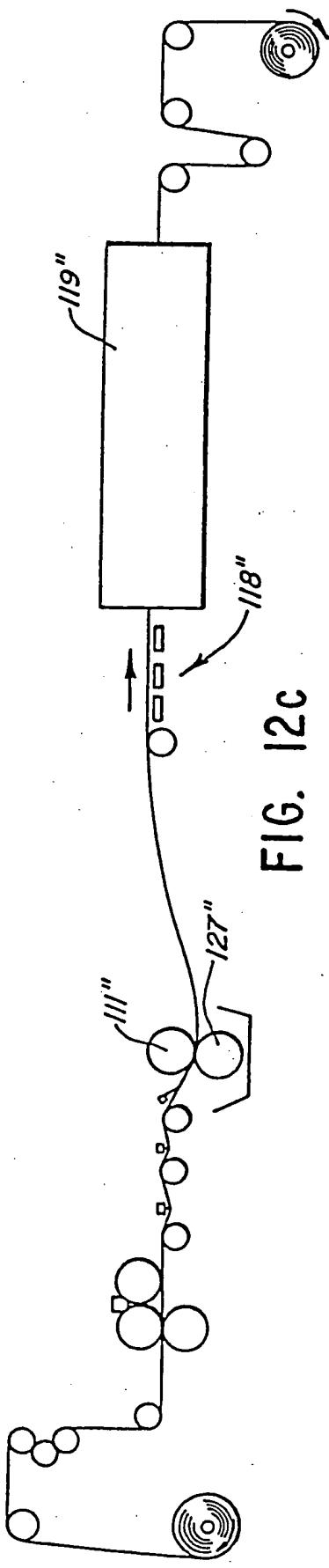


FIG. 12c



METHODS AND APPARATUS FOR CONTROLLING  
PLACEMENT OF A POLYMER COMPOSITION INTO A WEB  
INV. M. CALDWELL  
SN: 08/962,700

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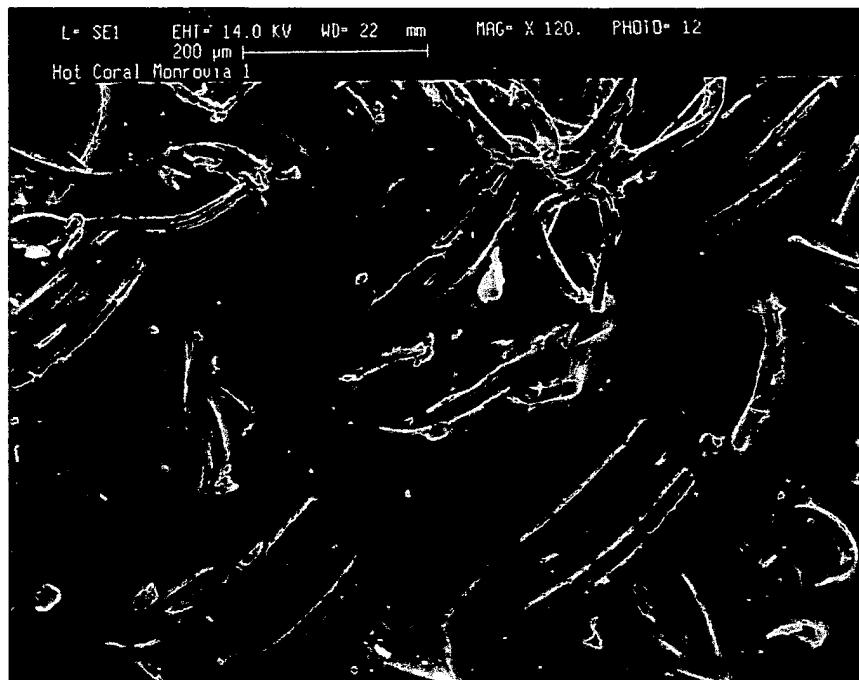


FIG. 13a

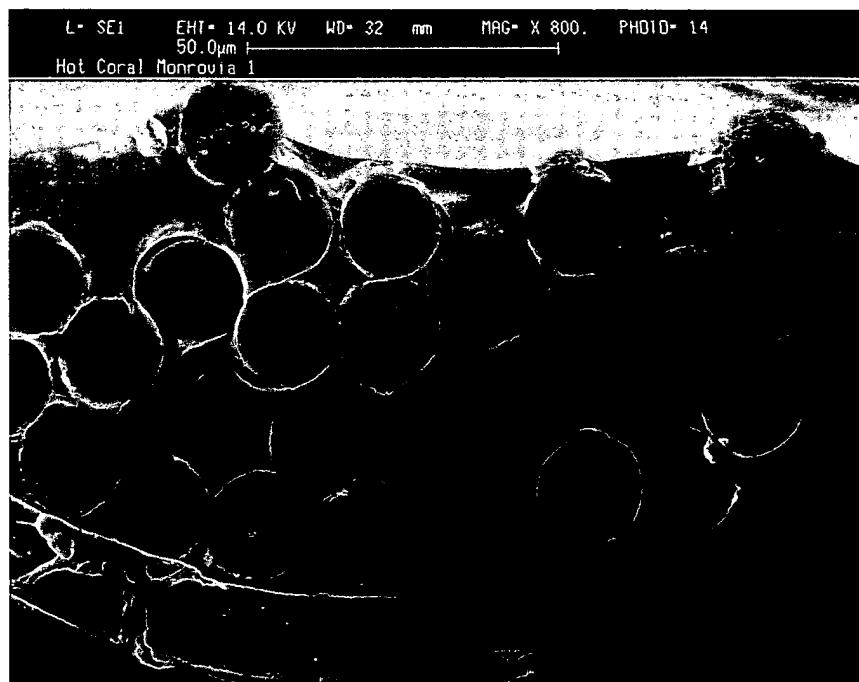


FIG. 13b

METHODS AND APPARATUS FOR CONTROLLING  
PLACEMENT OF A POLYMER COMPOSITION INTO A WEB  
INV: M. CALDWELL  
SN: 08/962,700

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FIG. 13c

METHODS AND APPARATUS FOR CONTROLLING  
PLACEMENT OF A POLYMER COMPOSITION INTO A WEB  
INV: M. CALDWELL  
SN: 08/962,700

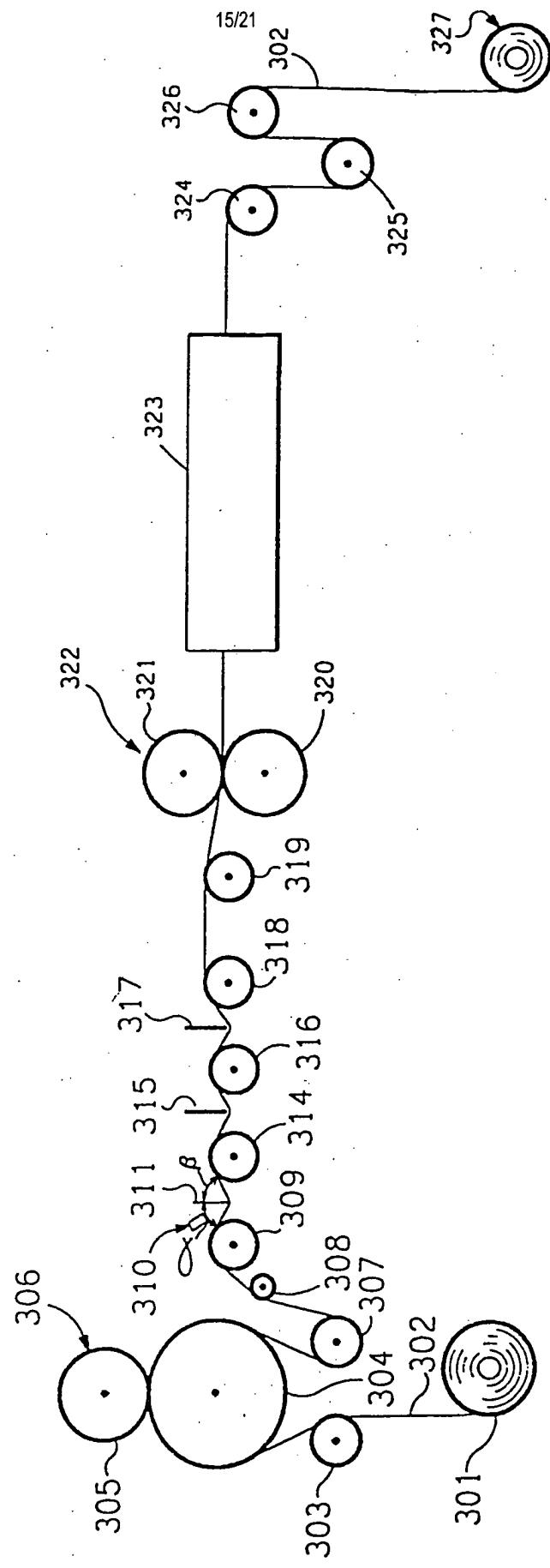


FIG. 14

METHODS AND APPARATUS FOR CONTROLLING  
THE PLACEMENT OF A POLYMER COMPOSITION INTO A WEB  
INV: M. CALDWELL  
SN: 08/962,700

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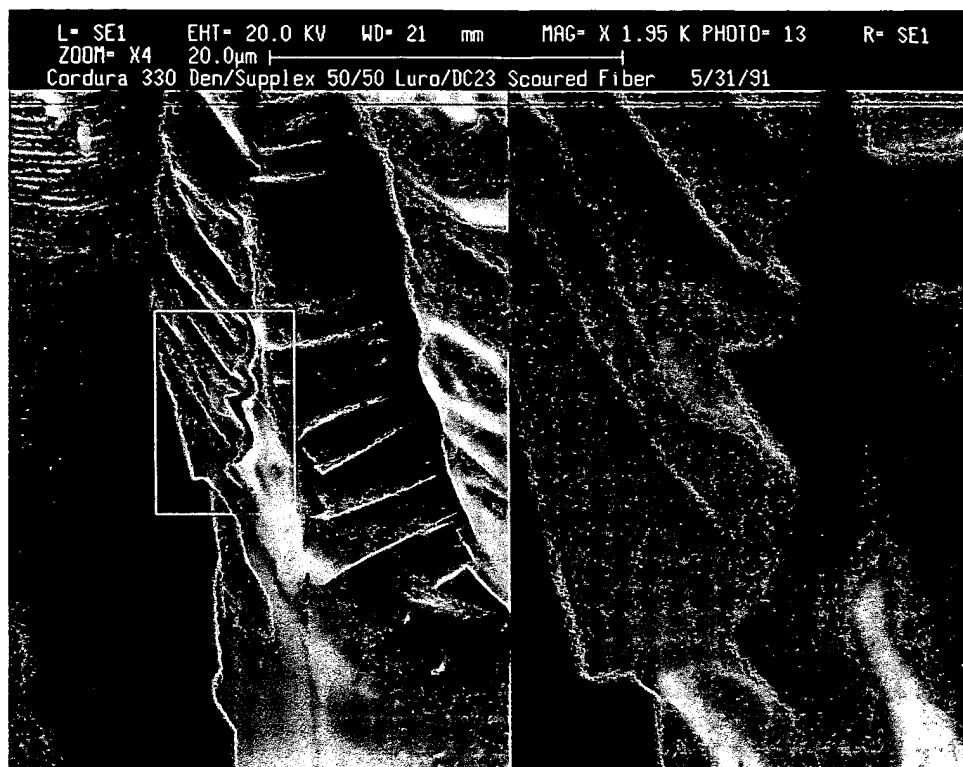


FIG. 15a

METHODS AND APPARATUS FOR CONTROLLING  
PLACEMENT OF A POLYMER COMPOSITION INTO A WEB  
INV: M. CALDWELL  
SN: 08/962,700

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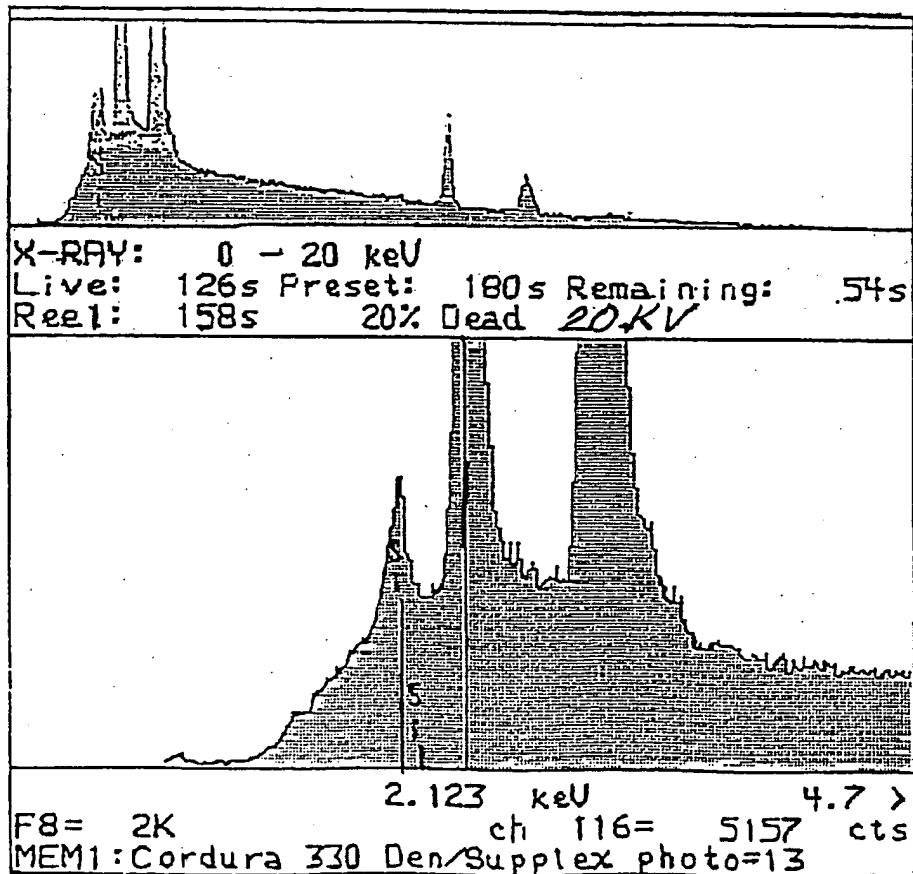


FIG. 15b

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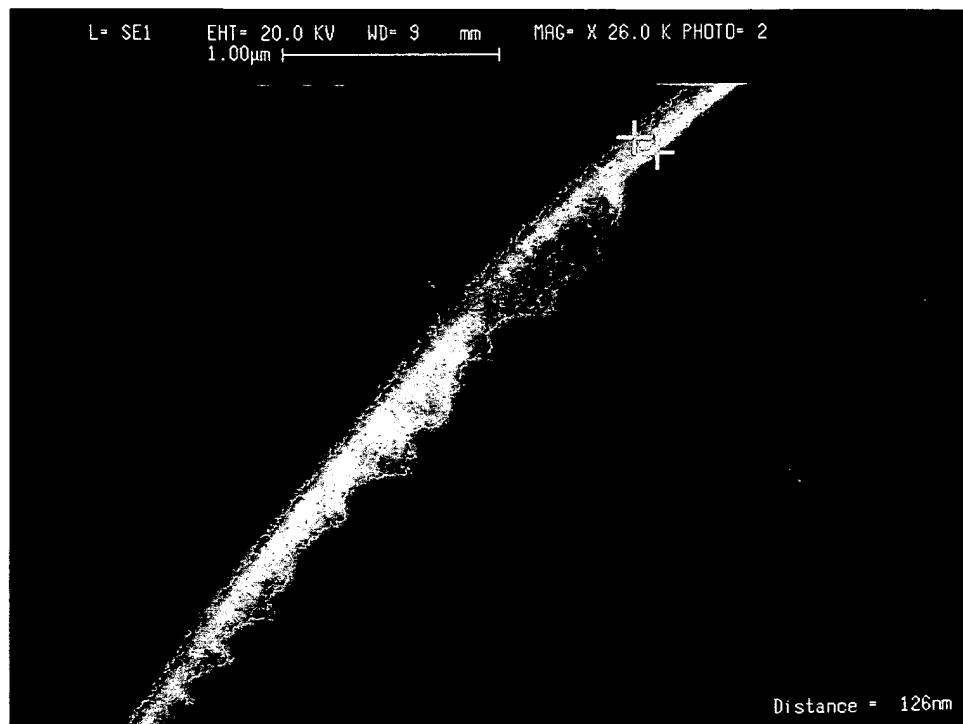


FIG. 15c

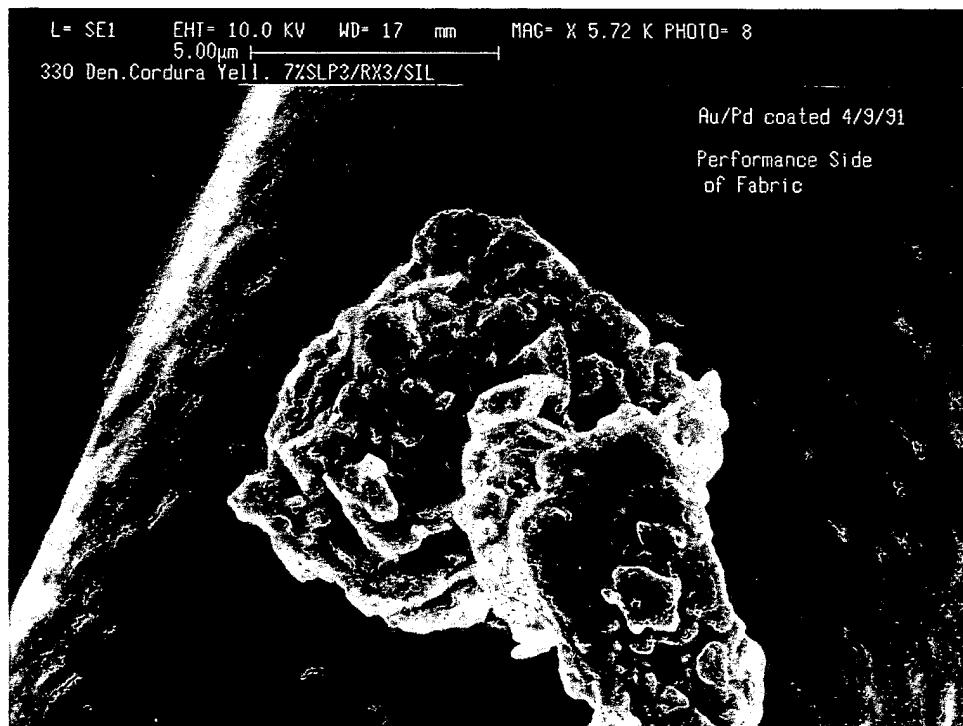


FIG. 15d

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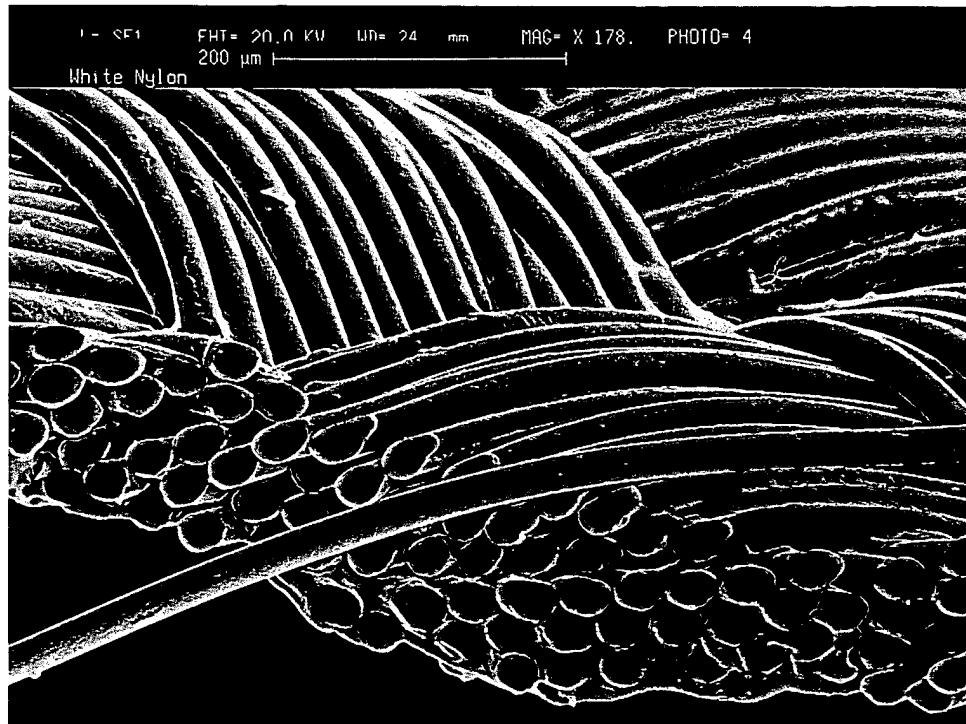


FIG. 15e

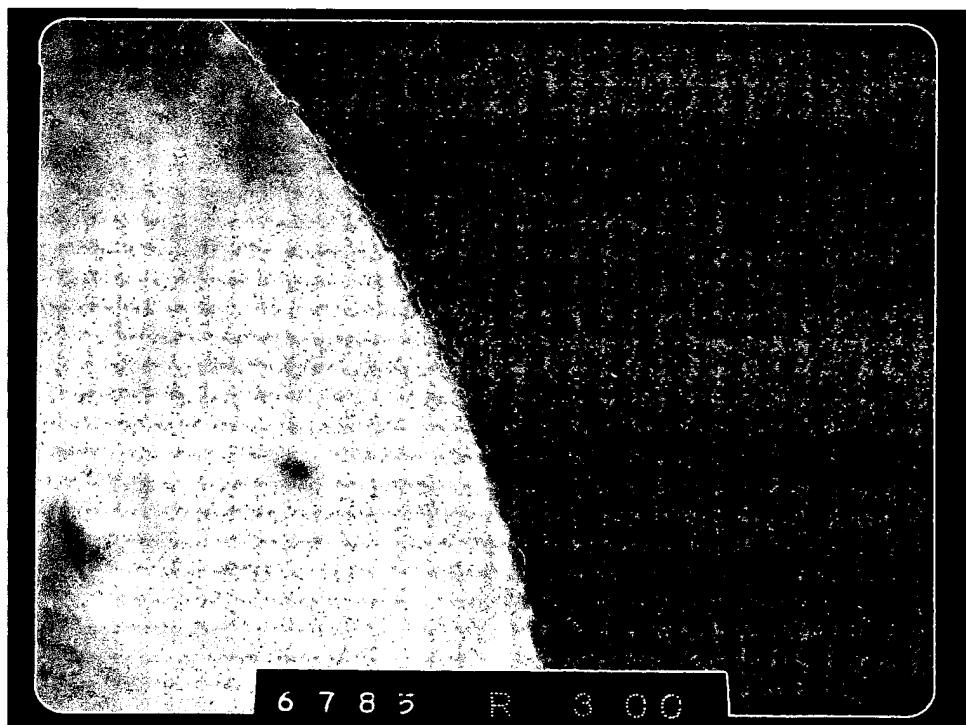


FIG. 15f

METHODS AND APPARATUS FOR CONTROL  
PLACEMENT OF A POLYMER COMPOSITION INTO A WEB  
INV. M. CALDWELL  
SN: 08/962,700

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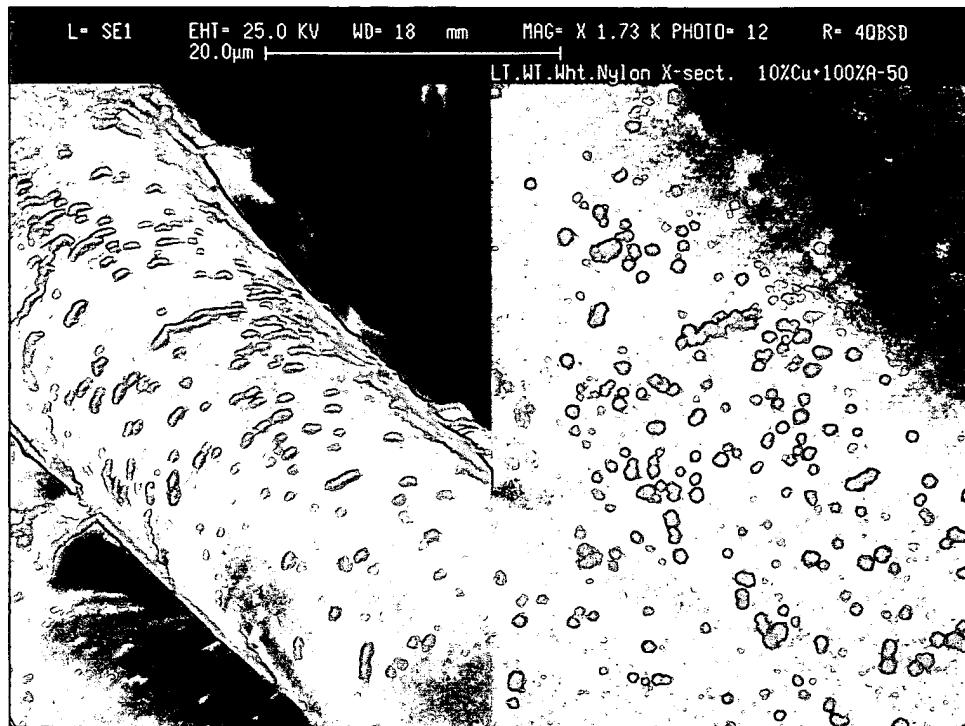


FIG. 15g



FIG. 15h

METHODS AND APPARATUS FOR CONTROL  
PLACEMENT OF A POLYMER COMPOSITION INTO A WEB  
INV: M. CALDWELL  
SN: 08/962,700

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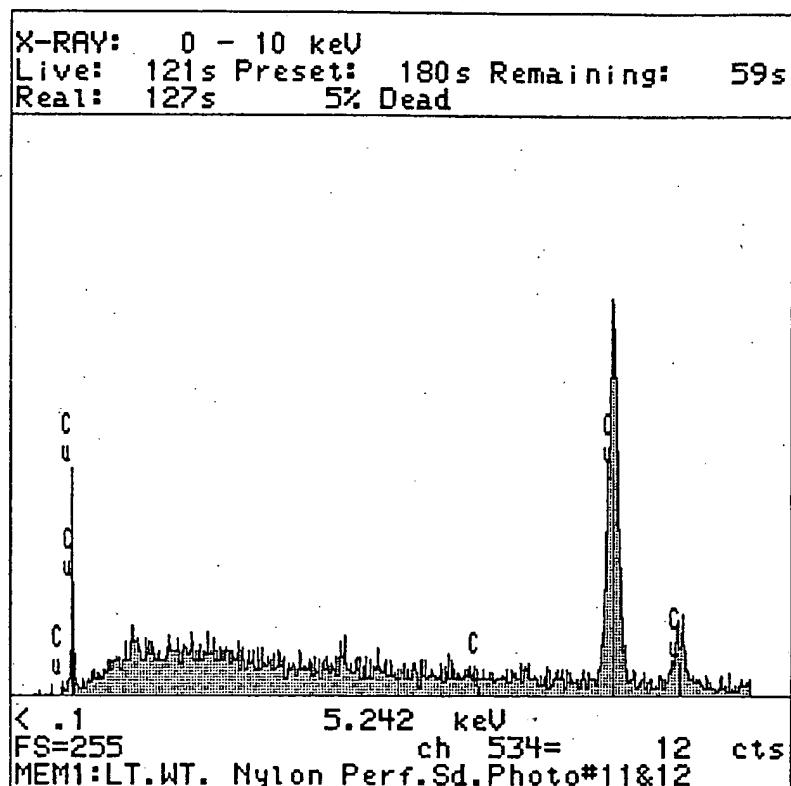


FIG. 15i